

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005739

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ G08B17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G08B17/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2891734 B2 (Taisei Corp.),	1-4
Y	26 February, 1999 (26.02.99), Full text; Figs. 1 to 4 (Family: none)	5-9
Y	JP 2002-350247 A (Hitachi Cable, Ltd.), 04 December, 2002 (04.12.02), Full text; Figs. 1 to 5 (Family: none)	5
Y	JP 7-262461 A (Matsushita Electric Works, Ltd.), 13 October, 1995 (13.10.95), Full text; Figs. 1 to 15 (Family: none)	6, 7, 9

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&" document member of the same patent family

Date of the actual completion of the international search
12 July, 2004 (12.07.04)

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Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-133380 A (Kajima Corp.), 20 May, 1997 (20.05.97), Full text; Fig. 1 (Family: none)	8
A	JP 5-266372 A (Pola Chemical Industries Inc.), 15 October, 1993 (15.10.93), Full text; Figs. 1 to 2 (Family: none)	1-9
A	JP 4-76348 A (Pola Chemical Industries Inc.), 11 March, 1992 (11.03.92), Full text; Fig. 1 (Family: none)	1-9
A	JP 3091620 B2 (Toda Corp.), 21 July, 2000 (21.07.00), Full text; Figs. 1 to 4 (Family: none)	1-9
A	JP 6-54921 A (Obayashi Corp.), 01 March, 1994 (01.03.94), Full text; Figs. 1 to 3 (Family: none)	1-9